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03.04.91 Bulletin 91/14(71) Applicant: **Himont Incorporated
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(54) **Articles of a new crystalline form of syndiotactic styrene polymer.**

(57) Articles in syndiotactic styrene polymer where the polymer is present predominantly in a new crystalline form characterized by an X-ray spectrum which presents reflections of maximum intensity at 2θ of 12.2° and 20.0° , where in the 2θ range from 15° to 18° no reflections of appreciable intensity appear.

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EUROPEAN SEARCH REPORT

Application Number

EP 90 10 3917

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A,P	MACROMOLECULES. vol. 23, no. 5, 05 March 1990, EASTON US pages 1539 - 1544; G. GUERRA ET AL.: "Polymorphism in Melt Crystallized Syndiotactic Polystyrene Samples" * entire paper *	1-4	C 08 J 3/12 C 08 J 5/00 C 08 L 25/06 // (C 08 L 25/06 C 08 L C 08 L 71:04)
A,P	CHEMICAL ABSTRACTS, vol. 112, no. 16, 31 October 1989 Columbus, Ohio, USA N. MIYASHITA: "Manufacture of Syndiotactic Polystyrene Crystals" ref. no. 112(16):140057E * abstract *	1-4	
A,P	EP-A-0 314 146 (MONTEDIPE SPA.) * claims 1, 3, 4, 8, 10 ** example 1 *	1,5,6	
A	DATABASE WPIL, abs.no. 88-136375, Derwent Publi & JP-A-63077905 (IDEMITSU KOSAN KK.) 08-04-1988 * abstract *	1,5,6	
A,D	EP-A-0 271 875 (MONTEDISON SPA.) * claims 1, 6, 9, 10 *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 08 J C 08 L
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		15 January 91	BETTELS B.R.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention		E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	